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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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MABE	Complete if Known
Application Number	10/708,739
Filing Date	FEB. 10, 2006
First Named Inventor	David ELDER, et al.
Group Art Unit	2838
Examiner Name	Ms. Pia Tibbits
Attorney Docket Number	RP-002

U.S. PATENT DOCUMENTS								
Examiner Initials *	Cite No.1	U.S. Patent Document Kind Code ² (# known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document YYYY-MM-DD	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		6229279	DIERKER	2001-05				
		6275001	DIERKER	2001-08				
		5825100	KIM	1998-10				
		6222341	DOUGHERTY, et al.	2001-04				
		6271642	DOUGHERTY, et al.	2001-08				
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				FOREIGI	N PATENT DOCU	MENTS		
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¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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Col	mplete if Known
Application Number	10/708,739
Filing Date	3/22/2004
First Named Inventor	ELDER, David, et al.
Art Unit	2738
Examiner Name	Tibbits
Attorney Docket Number	PP_002

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Examiner Initiats*	Cite No.	Document Number	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
	L	Number-Kind Code ^{2 (7 known)}		<u></u>	
		^{US-} 5,164,273	11-17-1992	Szasz et al.	
		^{US-} 5,169,735	12-08-1992	Witehira	
	Ī	US- 5,204,610	04-20-1993	Pierson et al.	
		US- 5,223,351	06-29-1993	Wruck	
		^{US-} 5,767,658	06-16-1998	Hayes	
		US- 5,986,431	11-16-1999	Hayes	
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INF	ORMATION	DIS	CLOSURE	Filing Date	3/22/2004				
STA	STATEMENT BY APPLICANT		First Named Inventor	ELDER, David, et al.					
	(Use as many sheets as necessary)	Art Unit	2738						
	(Use as many sne	ers as n	iecessary)	Examiner Name	Tibbits				
Sheet	2	of	2	Attorney Docket Number	RP-002				

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		HARDIN, J.E., Laboratory Testing of BNB Switch 12 Volt SLI Battery, March 1990, pp. 1-16, U.S. Dept. of Commerce, Nationsal Tech. Info. Service, Springfield, VA	
		HALVERSTON, RICHARD C., Neon-Colors Jazz Up APAA Show 'Spare' Batteries Spark Interest Despite High Prices, Sept. 25, 1989, Discount Store News (via www.findarticles.com)	
		Unknown, 'Spare' Battery Prices Ease at Discounters, Jan. 29, 1990, Discount Store News (reprinted at www.findarticles.com)	
		Unknown, Tomorrow's World The Australian Initiative Early Innovations in Transport, http://apc-online.com/twa/history3.html, Associated Publishing Corporation	
		Unknown, Exide Switch featuring Pulsar Technology, July 3, 1989 (USPTO Date Stamp - cited in parent application)	
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Date Examiner 01/28/2008 /Richard Muralidar/ Considered Signature

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Sheet

ADEMI	Complete If Known			
Application Number	10/708,739			
Filing Date				
First Named Inventor	David ELDER, et al.			
Group Art Unit	2838			
Examiner Name	Ms. Pia Tibbits			
Attorney Docket Number	RP-002			

	U.S. PATENT DOCUMENTS								
Examiner Initials *	Cite No.	U.S. Pate	ent Document Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document YYYY-MM-DD	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		1588803	3	OWEN	19260615				
		3029301		STRIDER	19620410				
		3475221		JORDAN et al.	19691028				
	"	3742302	2	NEILL	19730626	·			
		3758345	5	тотн	19731111				
		3763415	5	OWNBY	19731002				
		4041363	3	SHEIDLER	19770809				
		4082992	2	DAY	19780404				
		4157492	2	COLBRESE	19790605				
		4239839)	MCDOWAL, et al.	19801216				
		489242		WORST	19841219				
		4684580)	CRAMER	19870804				
		4746853	3	INGALLS	19880524				
		4869688	3	MERIO	19890926				
		4883728	3	WITHEIA	19891128				
		4949028	3	BRUNE	19900814				
		5002840)	KLENBENOW, et al.	19910326				
		5108848	3	KRAMER	19990428				
		5154985	5	TANAKA	19921013				
		5162164	1	DOUGHERTY, et al.	19921110				

FOREIGN PATENT DOCUMENTS									
Examiner Initials*		Foreign Patent Document			Name of Patentee	Date of Publication of	Pages, Columns, Lines, Where Relevant		
	Cite No.1	Office ³	Number ⁴	Kind Code ⁵ (if known)	or Applicant of Cited Document	Cited Document YYYY-MM-DD	Passages or Relevant Figures Appear	Τe	
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO Complete if Known **Application Number** 10/708,739 INFORMATION DISCLOSURE Filing Date STATEMENT BY APPLICANT First Named Inventor David ELDER, et al. **Group Art Unit** 2838 (use as many sheets as necessary) Ms. Pia Tibbits **Examiner Name** Sheet **Attorney Docket Number RP002**

	U.S. PATENT DOCUMENTS							
Examiner Initials *	Cite No.1	U.S. Petent Document Kind Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document YYYY-MM-DD	Pages, Columns, Lines, Where Releva Passages or Relevant Figures Appear			
	 	(if known) 5194799	TOMANTSHGER	19930316				
	 	5225761	ALBRIGHT	19930706				
	 	5256502	KUMP	19931026				
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	-	5264777	SMEAD	19931123				
	ļ	5352966	IRONS	19941004	,			
•	ļ	5418444	COOK, et al.	19950523				
	<u> </u>	5448152	BROMLEY et al.	19960130				
	<u> </u>	5487956	BROMLEY et al.	19960130				
		5496654	PERKINS	19960305				
		5549984	DOUGHERTY	19960827				
		5576612	GARRET et al.	19961119				
		5683827	YU	19971104				
		5726553	WAUGH	19980310				
	1	5844325	WAUGH, et al.	19980310				
		5866274	MAWSTON, et al.	19990202				
		5993983	ROZON	19991130				
		6046514	ROUILLARD, et al.	20000404				
	1	6121750	HWA et al.	20000919				
	1	6181100	знол	20010130				
		6198249	KROLL, et al.	20010306				

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Examiner Signature	/Richard Muralidar/	Date Considered	01/28/2008

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				Application Number	20010043052		
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STA	TEMENT E	BY A	PPLICANT	First Named Inventor	David ELDER, et al.		
				Group Art Unit	2838		
	(use as many sh	neets as	necessary)	Examiner Name	Ms. Pia Tibbits		
Sheet	3	of	4	Attorney Docket Number	RP002		

			U.S. PATENT DOCU	MENTS	
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		6222341	DOUGHERTY, et al.	20010424	
		6222342	EGGERT, et al.	20010424	
		6229279	DIERKER	20010508	
		6271642	DOUGHERTY, et al.	20010807	
		6323608	OZAWA	20011127	
		6384573	DUNN	20020507	
		6476583	MCANDREWS	20021105	
		6507169	HOLTOM et al.	20030114	
		6545445	MCDERMOTT	20030408	
		6597150	BERTNESS, et al.	20030722	
		6639384	HASEGAWAR, et al.	20031028	
		6734651	COOK, et al.	20040511	
		20010043052	GRIFFEY,et al	20011121	
		20030062773	RICHTER et al.	20030403	
		20040113589	CRISP, et al.	20040617	
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Sheet	4	of	4	Attorney Docket Number	

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		http://www.iqpower.com/iqp_englisch/content/iqtechnologie/einblick/aussehen.html	
		http://www.odysseyfactory.com/default.htm	
		SAFT/VALEO Power Point Presentation "Ni-MH/LEAD ACID dual battery system: A reliable solution for energy demanding vehicles", presented at the Advanced Automotive Battery Conference, July 13, 2004	
		"Reveloutionary New 'Intelligent Dual Battery System' Introduced to Market", Press Release, Reeves-Laverdure, August 26, 2004	
		"RPC Intelligent Dual Battery System", Advanced Battery Technology, Sept. 2004, Vol. 40:No.9, pg 18	
		"Dual Battery Always Delivers", Battery & EV technology, August 2004	
		"New Intiligent Dual Battery System Introduced Into the Market", Battery Power Products & Technology, Sept. 2004, Vol.8, Issue 5	
			

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	Examiner Signature	/Richard Muralidar/	Date Considered	01/28/2008

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